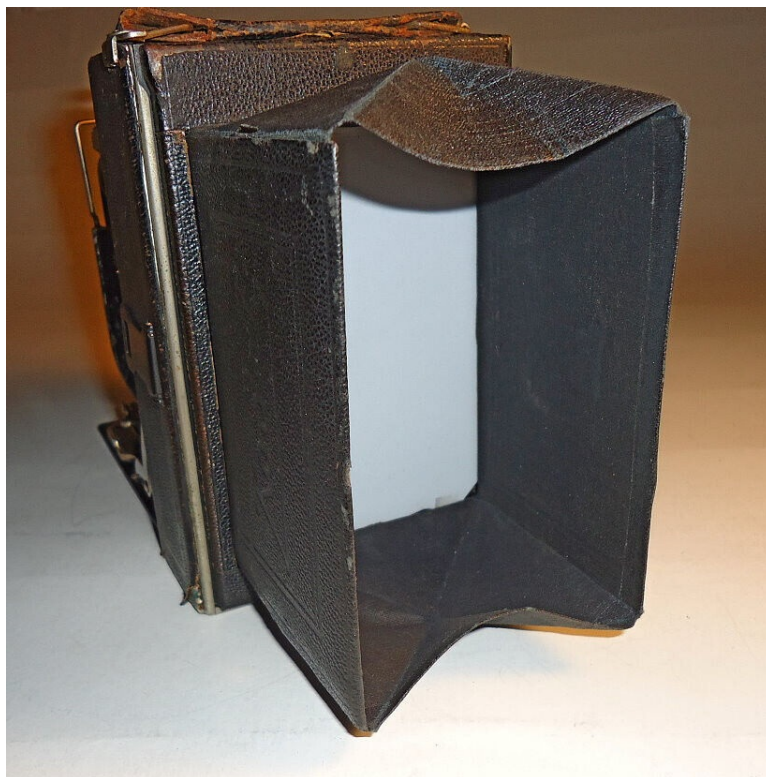
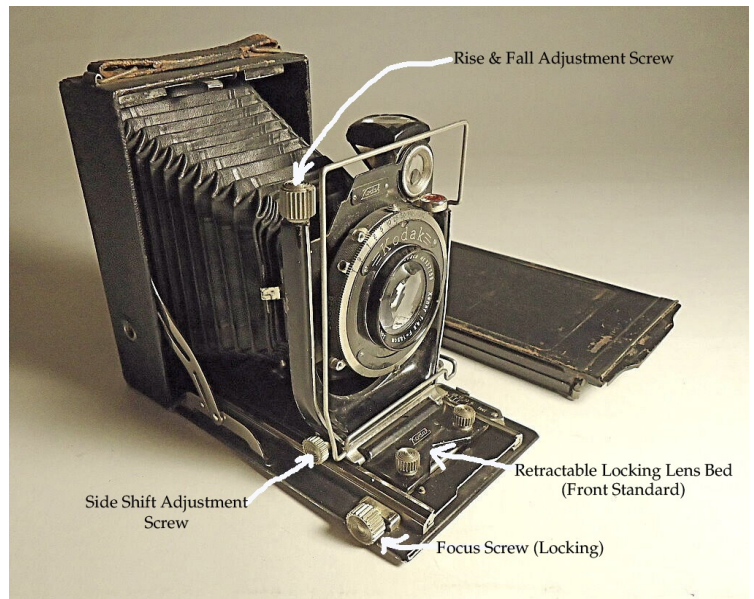
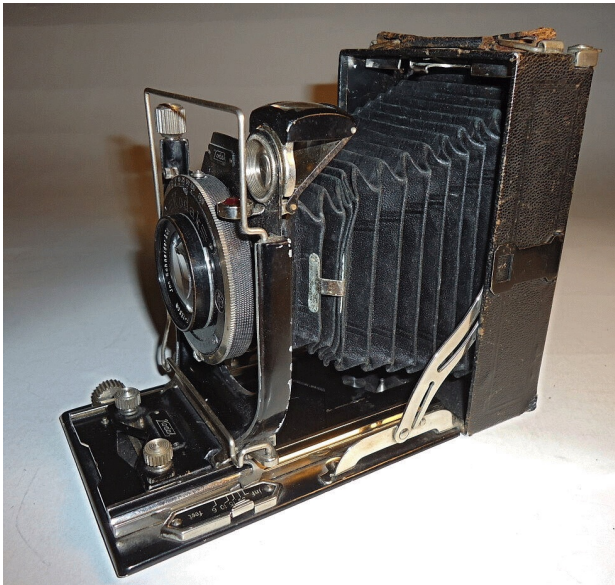
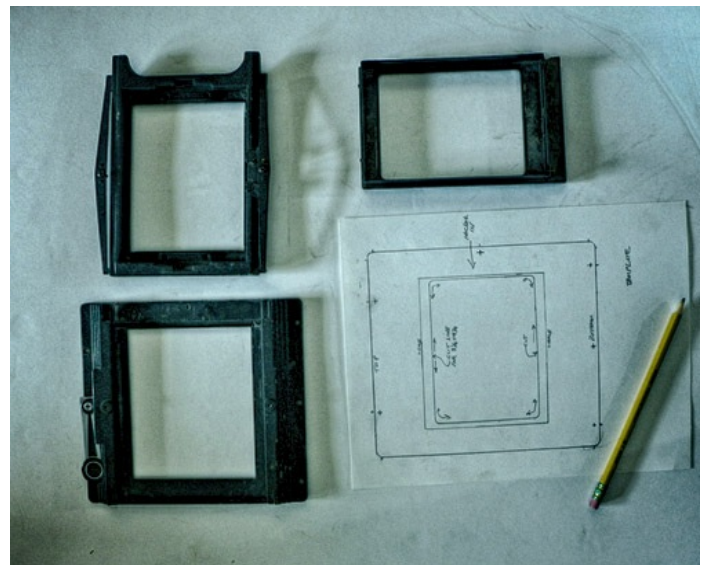
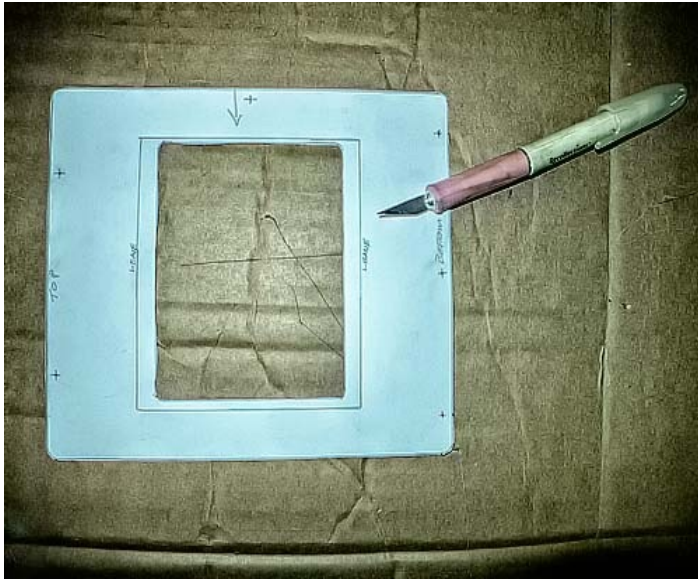


A Modification For a Kodak "Recomar" 33 // 3-1/4 X 4-1/4 Inch Camera Back - To Fit 4 X 5 Inch Film Holders

One of the cameras that I have in my working collection is a Kodak "Recomar" Model 33. This camera is very compact, and makes a really good "Pack-out" Camera". The only thing that in using it, is that it only takes 3.25 X 4.25 Film Packs. Now that Kodak, or any other manufacture, does not make these any more, to find them for sale is difficult and rather expensive and complete with the six septums. I do have film holders of the size needed, however, not this camera. The "Recomar" will only take the film pack holders. Hence = The reason for this non-destructive modification of the camera and a 4X5 Graflex spring-back rear support for 4X5 holders.



I had a spare 4X5 "Crown" Graphic spring-back in my parts box that I knew that I could use it, but I did not wish to make any changes what so ever to it for future use. So this modification is a total non destructive way to accomplish a means to an end.



I first traced the outline of the 4X5 back on to some cardboard for a template. Along with the empty 3.25 by 4.25 septum holder. Using epoxy (that can be removed at a later time) I would attach this septum holder to a thin (1/8 inch) piece of plywood. This would be the support for the septum holder and the Graphic spring-back.

As usual, I do not really need to draw true plans or diagrams of what I am seeing in my "minds-eye" - The template would be enough.

After drawing and cutting the cardboard I transferred this information onto the plywood, and made the cuts. After which - some filing, sanding, and a coat of black paint would make this ready for assemblage.



To the left are photos of the assemblage of the old septum holder and the spring-back. Not seen is the epoxy that holds these parts together on the thin plywood.

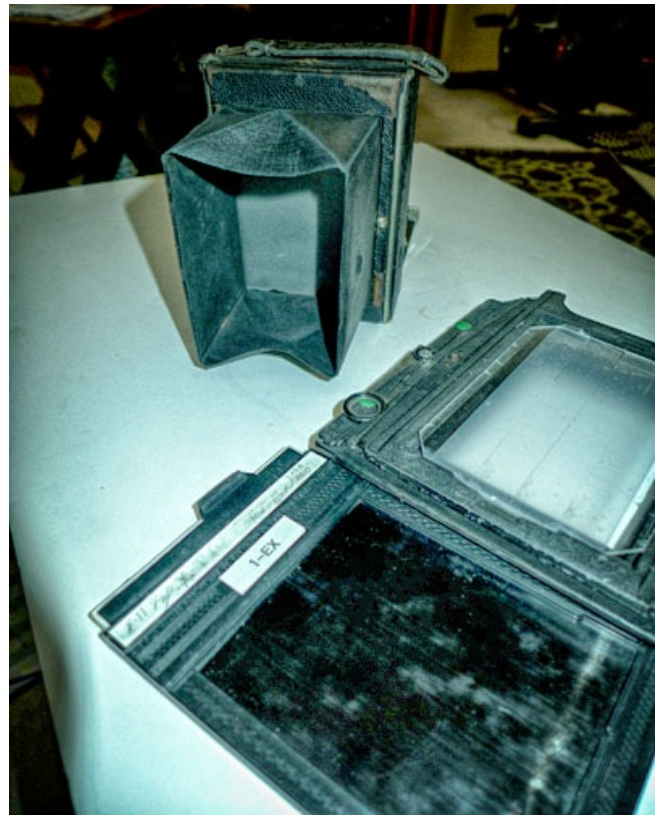
(The septum holder has a protruding edge that slides on to the camera back part of the rear standard. So this is totally replaceable with correct septum holders.)

To help the epoxy cure, I clamped the parts together and placed them into an "Air Fryer" at 150 degrees F. for 6 minutes. I let it there for over 30 minutes, and mowed the yard. Then returned to find the epoxy totally cured.



(Above - left - are the clamps in place // To the right - is the total assembled holder)

I then checked the fits of the modified holder to see how secure it was. And it was very satisfactory. (Now - mind you = This is only a prototype, and the craftsmanship is NOT what I would do for anyone else but myself. But it is functional.)





I always document my "build articles" with photographs so others will clearly understand what I did. (OK!!!! = I know what you are thinking about that upper-right photo on this page. And = Yes! It is *Frosted Tape* on a 4X5 inch Plexiglass I am using for the "Ground Glass" focusing screen. Well = This is, after all, a *PROTOTYPE*. I did not really want to spend the time to make a true ground-glass plate.)

>> There is also the fact that the focal length of this camera is now shortened by One Inch. Which is of course, caused by the lengthening of the rear standard box.

All that is left to so now is the testing.

(No Cameras were harmed by this MOD)

Thank you for taking the time to read this.

James R. Kyle, Photographer
Saint Louis, Missouri - U.S. of A.
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